

# PDR RID Report

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**Document** FOS PDR

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<b>Review</b>	FOS	
<b>Originator Ref</b>	MMC- TRS1	
<b>Priority</b>	2	

**Section**

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**Figure Table**

**Category Name** Design

**Actionee** HAIS

**Sub Category**

**Subject** Prioritization of the ECS Flight Operations Segment capabilities

## **Description of Problem or Suggestion:**

The PDR presentations and documentation does not discuss the features/capabilities of the ECS Flight Operations Segment with respect to the priority and/or importance associated with each. The design appears to focus on the ability of the FOS to evolve while assuming that evolution requires addition to the FOS. However, as recent government program history shows, program evolution can also require subtraction. What plans and actions ensure that program cuts will not eliminate mission-critical capabilities?

## **Originator's Recommendation**

Mission to Planet Earth should solicit a study of the FOS design and develop a prioritized list of capabilities, features, and/or requirements. This study should identify and prioritize those features/capabilities that: 1) ensure a successful EOS AM1 mission; 2) contribute to increased efficiency for mission operations; and 3) simply provide "nice to have".

Require that non-essential FOS features/capabilities (as identified in the study) do not become integral to the system design (ie. ensure that deletion of one or more of those items will not require a redesign of the FOS).

**GSFC Response by:**

**GSFC Response Date**

**HAIS Response by:** D. Herring

**HAIS Schedule** 1/20/95

**HAIS R. E.** A. Miller

**HAIS Response Date** 1/30/95

The FOS team agrees that the review of the relative priority and significance of capabilities, features, and requirements is an FOS management activity. This addresses contingency situations and mitigates program risk.

**Status** **Closed**

**Date Closed** **2/3/95**

**Sponsor** **Johns**

\*\*\*\*\* **Attachment if any** \*\*\*\*\*